

RAW SEQUENCE LISTING

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Application Serial Number: 09/234,208D
Source: IFW/6
Date Processed by STIC: 12/3/04

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IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/234,208D

DATE: 12/03/2004

TIME: 10:26:03

Input Set : A:\09234208 SEQ LIST.txt
 Output Set: N:\CRF4\12032004\I234208D.raw

3 <110> APPLICANT: Doherty, Joni Kristin
 4 Clinton, Gail M.
 6 <120> TITLE OF INVENTION: HER-2 BINDING ANTAGONISTS
 8 <130> FILE REFERENCE: 49321-1
 10 <140> CURRENT APPLICATION NUMBER: 09/234,208D
 11 <141> CURRENT FILING DATE: 1999-01-20
 13 <160> NUMBER OF SEQ ID NOS: 12
 15 <170> SOFTWARE: PatentIn version 3.2
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 79
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Homo sapiens
 22 <400> SEQUENCE: 1
 24 Gly Thr His Ser Leu Leu Pro Arg Pro Ala Ala Val Pro Val Pro Leu
 25 1 5 10 15
 28 Arg Met Gln Pro Gly Pro Ala His Pro Val Leu Ser Phe Leu Arg Pro
 29 20 25 30
 32 Ser Trp Asp Leu Val Ser Ala Phe Tyr Ser Leu Pro Leu Ala Pro Leu
 33 35 40 45
 36 Ser Pro Thr Ser Val Pro Ile Ser Pro Val Ser Val Gly Arg Gly Pro
 37 50 55 60
 40 Asp Pro Asp Ala His Val Ala Val Asn Leu Ser Arg Tyr Glu Gly
 41 65 70 75
 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 419
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Homo sapiens
 49 <400> SEQUENCE: 2
 51 Met Glu Leu Ala Ala Leu Cys Arg Trp Gly Leu Leu Leu Ala Leu Leu
 52 1 5 10 15
 55 Pro Pro Gly Ala Ala Ser Thr Gln Val Cys Thr Gly Thr Asp Cys Lys
 56 20 25 30
 59 Leu Arg Leu Pro Ala Ser Pro Glu Thr His Leu Asp Met Leu Arg His
 60 35 40 45
 63 Leu Tyr Gln Gly Cys Gln Val Val Gln Gly Asn Leu Glu Leu Thr Tyr
 64 50 55 60
 67 Leu Pro Thr Asn Ala Ser Leu Ser Phe Leu Gln Asp Ile Gln Glu Val
 68 65 70 75 80
 71 Gln Gly Tyr Val Leu Cys Ala His Asn Gln Val Arg Gln Val Pro Leu
 72 85 90 95
 75 Gln Arg Leu Arg Ile Val Arg Gly Thr Gln Leu Phe Glu Asp Asn Tyr
 76 100 105 110
 79 Ala Leu Ala Val Leu Asp Asn Gly Asp Pro Leu Asn Asn Thr Thr Pro

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80	115	120	125
83	Val Thr Gly Ala Ser Pro Gly Gly Leu Arg Glu Leu Gln Leu Arg Ser		
84	130	135	140
87	Leu Thr Glu Cys Leu Lys Gly Gly Val Leu Ile Gln Arg Asn Pro Gln		
88	145	150	155
91	Leu Cys Tyr Gln Asp Thr Ile Leu Trp Lys Asp Ile Phe His Lys Asn		160
92	165	170	175
95	Asn Gln Leu Ala Leu Thr Leu Ile Asp Thr Asn Arg Ser Arg Ala Cys		
96	180	185	190
99	His Pro Cys Ser Pro Cys Cys Lys Gly Ser Arg Cys Trp Gly Glu Ser		
100	195	200	205
103	Ser Glu Asp Cys Gln Ser Leu Thr Arg Thr Val Cys Ala Gly Gly Cys		
104	210	215	220
107	Ala Arg Cys Lys Gly Pro Leu Pro Thr Asp Cys Cys His Glu Gln Cys		
108	225	230	235
111	240	245	255
112	Ala Ala Gly Cys Thr Gly Pro Lys His Ser Asp Cys Leu Ala Cys Leu		
115	255	260	270
116	His Phe Asn His Ser Gly Ile Cys Glu Leu His Cys Pro Ala Leu Val		
119	270	275	285
120	Thr Tyr Asn Thr Asp Thr Phe Glu Ser Cys Pro Asn Pro Glu Gly Arg		
123	285	290	295
124	Tyr Thr Phe Gly Ala Ser Cys Val Thr Ala Cys Pro Tyr Asn Lys Leu		
127	300	290	295
128	Ser Thr Asp Val Gly Ser Cys Thr Leu Val Cys Pro Leu His Asn Gln		
131	310	315	320
132	Glu Val Thr Ala Glu Asp Gly Thr Gln Arg Cys Glu Lys Cys Ser Lys		
135	325	330	335
136	Pro Cys Ala Arg Gly Thr His Ser Leu Leu Pro Arg Pro Ala Ala Val		
139	340	345	350
140	Pro Val Pro Leu Arg Met Gln Pro Gly Pro Ala His Pro Val Leu Ser		
143	355	360	365
144	Phe Leu Arg Pro Ser Trp Asp Leu Val Ser Ala Phe Tyr Ser Leu Pro		
147	370	375	380
148	Leu Ala Pro Leu Ser Pro Thr Ser Val Pro Ile Ser Pro Val Ser Val		
151	385	390	395
152	Gly Arg Gly Pro Asp Pro Asp Ala His Val Ala Val Asn Leu Ser Arg		400
155	405	410	415
159	Tyr Glu Gly		
160	<210> SEQ ID NO: 3		
161	<211> LENGTH: 19		
162	<212> TYPE: DNA		
164	<213> ORGANISM: artificial sequence		
165	<220> FEATURE:		
166	<223> OTHER INFORMATION: primer		
167	<400> SEQUENCE: 3		
168	tgagcaccat ggagctggc		19
171	<210> SEQ ID NO: 4		
172	<211> LENGTH: 22		
173	<212> TYPE: DNA		

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174 <213> ORGANISM: artificial sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: primer
179 <400> SEQUENCE: 4
180 tccggcagaa atgccaggct cc                                22
183 <210> SEQ ID NO: 5
184 <211> LENGTH: 22
185 <212> TYPE: DNA
186 <213> ORGANISM: artificial sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: primer
191 <400> SEQUENCE: 5
192 aacacagcgg tgtgagaagt gc                                22
195 <210> SEQ ID NO: 6
196 <211> LENGTH: 21
197 <212> TYPE: DNA
198 <213> ORGANISM: artificial sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: primer
203 <400> SEQUENCE: 6
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208 <211> LENGTH: 20
209 <212> TYPE: DNA
210 <213> ORGANISM: artificial sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: primer
215 <400> SEQUENCE: 7
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219 <210> SEQ ID NO: 8
220 <211> LENGTH: 22
221 <212> TYPE: DNA
222 <213> ORGANISM: artificial sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: primer
227 <400> SEQUENCE: 8
228 ttcacactgg cacgtccaga cc                                22
231 <210> SEQ ID NO: 9
232 <211> LENGTH: 27
233 <212> TYPE: DNA
234 <213> ORGANISM: artificial sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: primer
239 <400> SEQUENCE: 9
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243 <210> SEQ ID NO: 10
244 <211> LENGTH: 287
245 <212> TYPE: DNA
246 <213> ORGANISM: Homo sapiens

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Input Set : A:\09234208 SEQ LIST.txt
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248 <400> SEQUENCE: 10
249 cccgaggtac ccactcaactg ctcccgaggc cagctgcagt tcctgtccct ctgcgcattgc 60
251 agcctggccc agccccccct gtcctatcct tcctcagacc ctcttgggac ctatgtctctg 120
253 ccttctactc tctaccctg gcccccctca gccccacaag tgccctata tccccgtca 180
255 gtgtggggag gggccggac cctgatgctc atgtggctgt taacctgtcc cggtatgaag 240
257 gctgagacgg cccctttccc cacccacccc cacctcctca gtgtgct 287
260 <210> SEQ ID NO: 11
261 <211> LENGTH: 276
262 <212> TYPE: DNA
263 <213> ORGANISM: Homo sapiens
266 <220> FEATURE:
267 <221> NAME/KEY: CDS
268 <222> LOCATION: (1)..(240)
269 <223> OTHER INFORMATION: ECDIIIa intron-encoded region of herstatin
271 <400> SEQUENCE: 11
272 ggt acc cac tca ctg ctc ccg agg cca gct gca gtt cct gtc cct ctg 48
273 Gly Thr His Ser Leu Leu Pro Arg Pro Ala Ala Val Pro Val Pro Leu
274 1 5 10 15
276 cgc atg cag cct ggc cca gcc cac cct gtc cta tcc ttc ctc aga ccc 96
277 Arg Met Gln Pro Gly Pro Ala His Pro Val Leu Ser Phe Leu Arg Pro
278 20 25 30
280 tct tgg gac cta gtc tct gcc ttc tac tct cta ccc ctg gcc ccc ctc 144
281 Ser Trp Asp Leu Val Ser Ala Phe Tyr Ser Leu Pro Leu Ala Pro Leu
282 35 40 45
284 agc ccc aca agt gtc cct ata tcc cct gtc agt gtg ggg agg ggc ccg 192
285 Ser Pro Thr Ser Val Pro Ile Ser Pro Val Ser Val Gly Arg Gly Pro
286 50 55 60
288 gac cct gat gct cat gtg gct gtt aac ctg tcc cgg tat gaa ggc tga 240
289 Asp Pro Asp Ala His Val Ala Val Asn Leu Ser Arg Tyr Glu Gly
290 65 70 75
292 gacggccct tccccaccc acccccacct cctcag 276
295 <210> SEQ ID NO: 12
296 <211> LENGTH: 79
297 <212> TYPE: PRT
298 <213> ORGANISM: Homo sapiens
300 <400> SEQUENCE: 12
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303 1 5 10 15
306 Arg Met Gln Pro Gly Pro Ala His Pro Val Leu Ser Phe Leu Arg Pro
307 20 25 30
310 Ser Trp Asp Leu Val Ser Ala Phe Tyr Ser Leu Pro Leu Ala Pro Leu
311 35 40 45
314 Ser Pro Thr Ser Val Pro Ile Ser Pro Val Ser Val Gly Arg Gly Pro
315 50 55 60
318 Asp Pro Asp Ala His Val Ala Val Asn Leu Ser Arg Tyr Glu Gly
319 65 70 75

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/234,208D

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Input Set : A:\09234208 SEQ LIST.txt

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